

University of Bahrain
College of Information Technology
Department of Computer Engineering

ITCE 202 section 1

Name:-----

I.D.:-----

Quiz (7)

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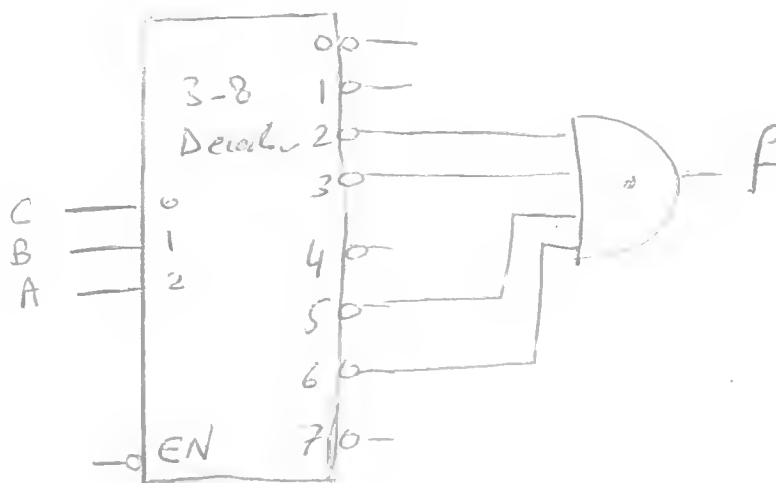
4th December 2012

Time duration: 8 minutes

Implement the following function using 3-to-8 line decoder and AND gate:

$$f(A, B, C) = \sum m(0, 1, 4, 7)$$

Active Low Decoder + AND \rightarrow Maxterm Expression
 $f(A, B, C) = \prod M(2, 3, 5, 6)$ (5)



active low (2)

circuits (3)